



Bureau of Automotive Repair

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# **CHECKLIST** **FOR OFFICIAL SMOG CHECK** **TEST-AND-REPAIR STATION**

The purpose of this checklist is to help station owners and technicians pass the Smog Check Station inspection the first time, thereby allowing the station to perform inspection and repair services sooner. All required equipment should be on the premises and calibrated. All station requirements must be met before calling BAR for an inspection appointment.

**Disclaimer:** This checklist is intended for guidance only. Please refer to the Laws and Regulations available on the BAR website listed at the bottom of this checklist for specific Smog Check test And Repair Station requirements. It is the station owner and technicians responsibility to know the applicable laws related to Smog Check Test and Repair.

## Test and Repair Station Licenses and Signs (Licenses & Signs shall be posted conspicuously in an area frequented by customers)

- ☐ Valid Automotive Repair Dealer (ARD) Registration
- ☐ Official Automotive Repair Dealer (ARD) Sign
- ☐ Valid Smog Check Technician / Inspector license, as applicable
- ☐ Official Smog Check Station Sign
- ☐ Official Smog Check Station Service Sign (if light duty only or heavy duty only station)
- ☐ Inspection Cost Sign
- ☐ Notice to Consumers (Cost limit) Sign

## Test & Repair Station Requirements

- ☐ A licensed Smog Check Technician / Inspector must be present during all hours the station is open for the testing and/or repairing vehicles. Testing and/or repairing of vehicles shall be performed by a licensed Inspector and/or Repair Technician, consistent with their license classification
- ☐ BAR-97 Emissions Inspection System (EIS) with gas cap tester
- ☐ BAR approved EIS calibration gases
- ☐ Dedicated telephone line, or high speed or broadband connection to EIS modem
- ☐ EIS passes gas calibration and leak test with dual exhaust probe hose connected
- ☐ Station has enrolled with SGS Testcom if purchasing certificates electronically
- ☐ BAR approved cooling fan (for stations with dynamometer)
- ☐ Ignition Analyzer/Oscilloscope
- ☐ Ignition timing light, with advance feature
- ☐ Hand vacuum pump and a vacuum gauge
- ☐ Compression Tester
- ☐ Tachometer/Dwell Meter
- ☐ Fuel Pressure Gauge capable of measuring the higher pressures of fuel-injected vehicles
- ☐ A propane enrichment kit
- ☐ Ammeter capable of measuring amps and milliamps





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**Test & Repair Station Requirements cont.**

- ☐ High impedance digital volt/ohmmeter
- ☐ Basic Hand tools necessary to inspect vehicle ignition, fuel delivery, and emission control systems
- ☐ Diagnostic and repair information for all vehicles being tested and repaired
- ☐ The most currently available emission control system application information
- ☐ The most currently available bureau test and repair manuals
- ☐ Automotive computer diagnostic and repair manuals
- ☐ Electronic component location manuals
- ☐ Digital Storage Oscilloscope (Enhanced area)
- ☐ A Device (bi-directional scan tool with enhanced diagnostic test modes) capable of retrieving trouble codes from vehicles with onboard computers, including instructions and definitions of codes
- ☐ Low-Pressure Fuel Evaporative test equipment that has been certified by the bureau as compliant with the Low-Pressure Fuel Evaporative Tester (LPFET)
- ☐ Tire pressure gauge (Enhanced area)
- ☐ Approved Work Area (An area within a building and large enough to accommodate the vehicles being serviced)
- ☐ Required maintenance of records
- ☐ All appropriate and current smog check station adjustment specifications, manuals, bulletins and instructions for which the station performs tests including Electronic forms. CD-ROM, are acceptable as long as they also meet the standards set in BAR's "Minimum Requirements for Emissions Repair Manuals"

Contact your local BAR office for a station inspection appointment once you have verified all required licenses, manuals, and signs are available and all required equipment is present, calibrated and in working order. The station owner/manager and technician must be present during the inspection. Please allow up to 2 hours for the BAR inspection. Re-inspection or failure of the inspection will delay your station from becoming licensed.

For Information on Smog Check Station requirements please visit the California Code of Regulations sections §3340.10. through 3340.45. at the BAR's website at [www.bar.ca.gov](http://www.bar.ca.gov)